

*A1*  
*Concl.*  
an internet web server, whereby a person having authorized access to said web server may obtain current geographical coordinates and history data of said second party.

*✓*  
Claim 2, line 4, delete "one" (first occurrence).

*✓*  
Claim 18, line 1, delete "17" and insert --1--.

*19*  
23. (Amended) A method of providing information to a first party on a location of a second party, said method using a communications system for tracking current and historical locations, said method comprising steps of:

receiving broadcast signal transmissions from a geographical locator system with a portable device carried by said second party;

converting said signal transmissions into location data;

periodically transmitting said location data and an identifying code via said communications system from said portable device to a central control system in response to one of a plurality of portable device input signals;

storing said location data and said identifying codes in a data base to enable subsequent queries on said location data to determine any geographical movements of said second party; [and]

providing a user interface to enable access to said location data by said first party[.];

providing a communications link between said central control system and a web server;

storing graphical displays of maps of geographic locations surrounding each of said receiver/transmitters in said web server; and

downloading a graphical display of a map of an area surrounding a current location, and the geographical coordinates of the current location in response to a query by said first party.

*✓*  
Claim 33, line 1, delete "32" and insert --23--.

*✓*  
Claim 35, line 1, delete "34" and insert --41--.

*✓*  
Claim 36, line 1, delete "34" and insert --41--.

*✓*  
Please cancel claims 17, 19, 20, 21, 32 and 34 without prejudice.

*L*  
Please add the following claims:

*A3*  
*cont.*  
33 ~~32~~ 38. (New) A communications system that enables a first party to track the current and historical locations of a device carried by a second party, said device comprising:

a portable device to be carried by said second party, said device transmitting a first data signal having geographical coordinate data and device information data in response to one of a plurality of input signals;

a central control system having at least one wireless receiver/transmitter for receiving said first data signal from said portable device;

first means for periodically generating one of said plurality of input signals to enable said central control system to receive a plurality of first data signals over time, which plurality enables said central control system to store history data relating to any geographical movements of said second party;

second means for enabling said first party to interrogate said central control system to determine the present geographical coordinates of said second party, and to review said history data relating to the prior geographical movements of said second party, said second means includes a manned call center which provides services in response to a telephone call from a said first party, said call center further including a database of a plurality of first data signals over time, and a report generator means for accessing said database and providing said call center and said first party with said devices current and historical locations.

34-33  
39. (New) A communications system that enables a first party to track the current and historical locations of a device carried by a second party, said device comprising:

a portable device to be carried by said second party, said device transmitting a first data signal having geographical coordinate data and device information data in response to one of a plurality of input signals;

a central control system having at least one wireless receiver/transmitter for receiving said first data signal from said portable device;

first means for periodically generating one of said plurality of input signals to enable said central control system to receive a plurality of first data signals over time, which plurality enables said central control system to store history data relating to any geographical movement of said second party;

second means for enabling said first party to interrogate said central control system to determine the present geographic coordinates of said second party, and to review said history data relating to the prior geographical movements of said second party, said second means further comprises a voice telephone connection, via a web server and internet telephony, between said first party and a call center agent who can provide said present geographic coordinates of said

device and said second party, and said history data related to prior geographic movements of said second party.

35 ~~35~~ 40. (New) A communications system that enables a first party to track the current and historical locations of a device carried by a second party, said device comprising:

a portable device to be carried by said second party, said device transmitting a first data signal having geographical coordinate data and device information data in response to one of a plurality of input signals;

a central control system having at least one wireless receiver/transmitter for receiving said first data signal from said portable device;

first means for periodically generating one of said plurality of input signals to enable said central control system to receive a plurality of first data signals over time, which plurality enables said central control system to store history data relating to any geographical movement of said second party;

second means for enabling said first party to interrogate said central control system to determine the present geographic coordinates of said second party, and to review said history data relating to the prior geographical movements of said second party, said second means further comprises a voice response unit processing system which generates automated audible data relating to said present geographic coordinates of said device and said second party, and said history data related to prior geographic movements of said second party.

29 ~~35~~ 41. (New) A method of providing information to a first party on a location of a second party, said method using a communications system for tracking current and historical locations, said method comprising steps of:

receiving broadcast signal transmissions from a geographical locator system with a portable device carried by said second party;

converting said signal transmissions into location data;

periodically transmitting said location data and an identifying code via said communications system from said portable device to a central control system in response to one of a plurality of portable device input signals;

storing said location data and said identifying codes in a data base to enable subsequent queries on said location data to determine any geographical movements of said second party; and

providing a user interface to enable access to said location data by said first party;

linking an operator call center with said central control center to enable servicing of telephone inquiries from first parties, said servicing further comprising steps of;

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Cont.

A3  
cancel

accessing location data stored in said data base in said central control system;  
providing said accessed location data to said first parties; and  
triggering an automatic transmission of said device's location if a request for automatic update is made by said first party.

### REMARKS

In response to the Official Action mailed April 27, 1999, Applicant amends his application and requests reconsideration. In this Amendment, claims 1, 2, 18, 23, 33, 35 and 36 are amended, claims 17, 19, 20, 21, 32 and 34 are cancelled without prejudice and claims 38, 39, 40 and 41 are added. No new matter has been introduced.

The Examiner objected to claim 2 for a minor informality. Accordingly, Applicant has amended claim 2 in accordance with the Examiner's suggestion.

Claims 1-37 were rejected as anticipated by U.S. Patent No. 5,731,757 to Layson, Jr. (hereafter Layson). This rejection is respectfully traversed.

Layson discloses a tracking apparatus for use in a wireless communication system. The tracking apparatus works in conjunction with a GPS satellite constellation for determining the spatial coordinates of a subject. These coordinates are conveyed to a central data base. Layson's system includes means for maintaining historical records, means for emergency situations and means for the use of encrypted messages.

Claim 1 as amended sets forth a communications system that enables a first party to track the current and historical locations of a device carried by a second party. The device comprises a portable device to be carried by the second party, a central control system, a first means, and a second means. The second means enables the first party to interrogate the central control system. The second means also includes an internet web server which allows a duly authorized person to access the current geographical coordinates and history data of the second party via the web.

Anticipation exists only if all the elements of the claimed invention are present, expressly or inherently, in a single prior art reference. The present invention as claimed in amended claim 1 discloses a communications system comprising a second means having a web server. Layson